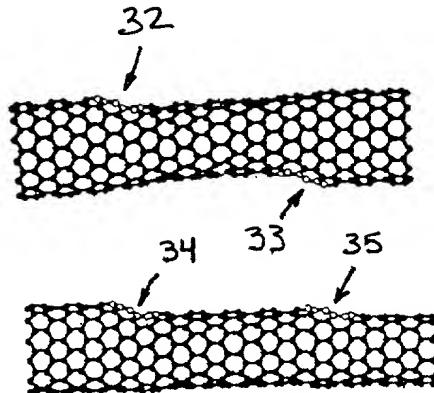
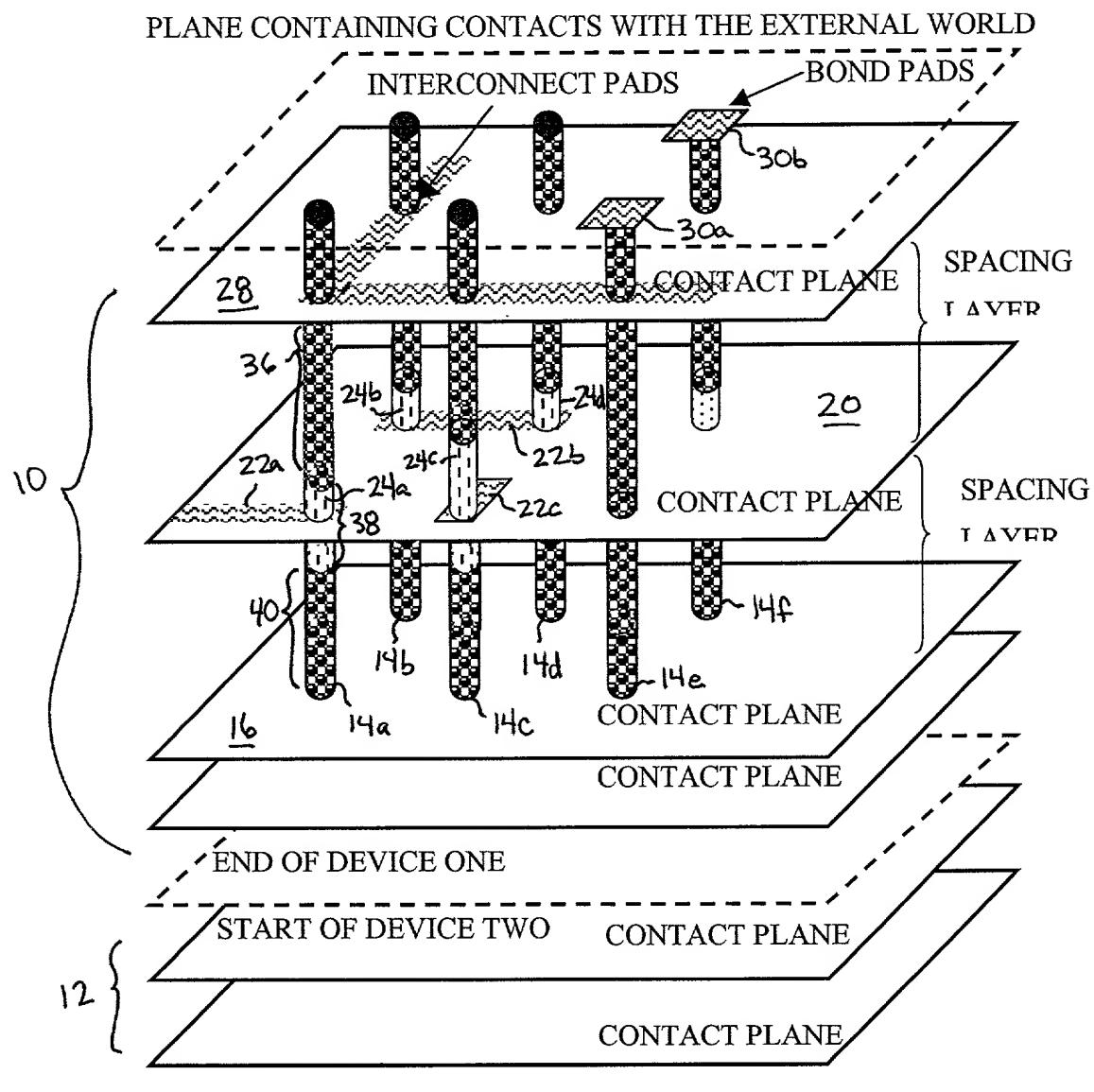


Figure 1





- | | | | |
|--|--------------------------------|--|--------------------------------|
| | CONDUCTIVE CARBON NANOTUBE | | NON-CONDUCTIVE CARBON NANOTUBE |
| | SEMICONDUCTIVE CARBON NANOTUBE | | METALLIC INTERCONNECTS |

Figure 2

FABRICATION/SYNTHESIS PROCESSES AND DESIGN ARCHITECTURE

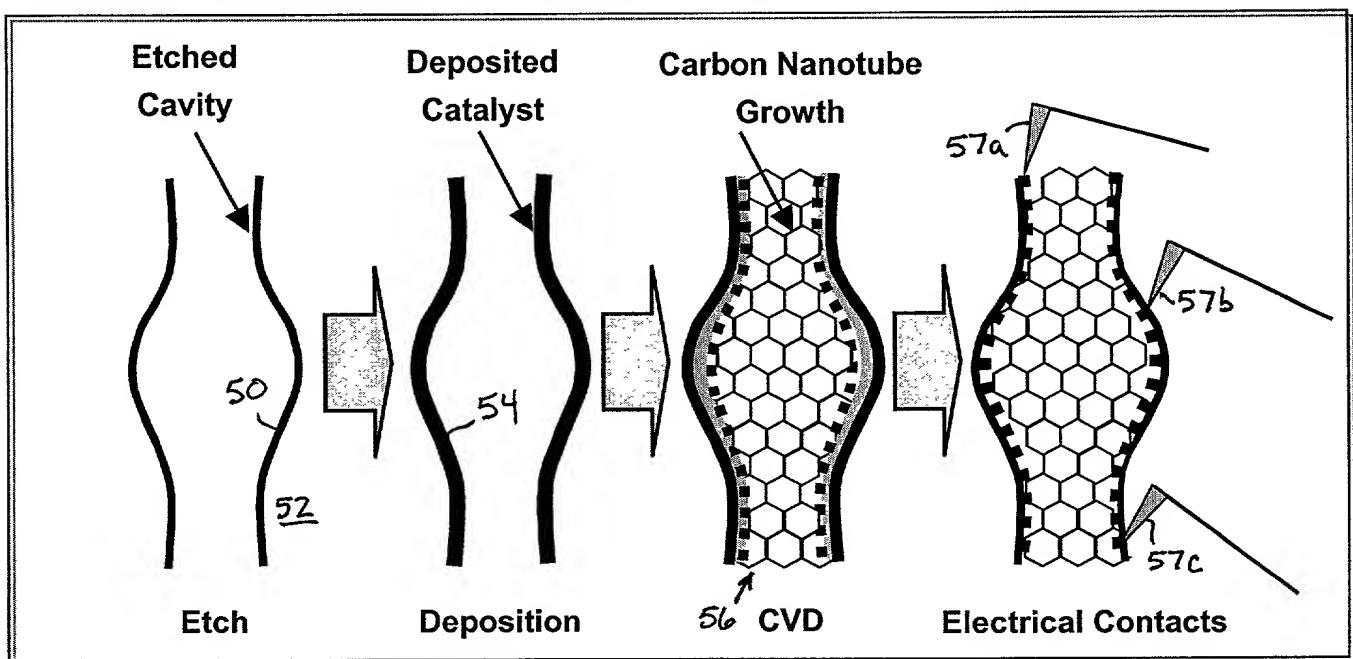


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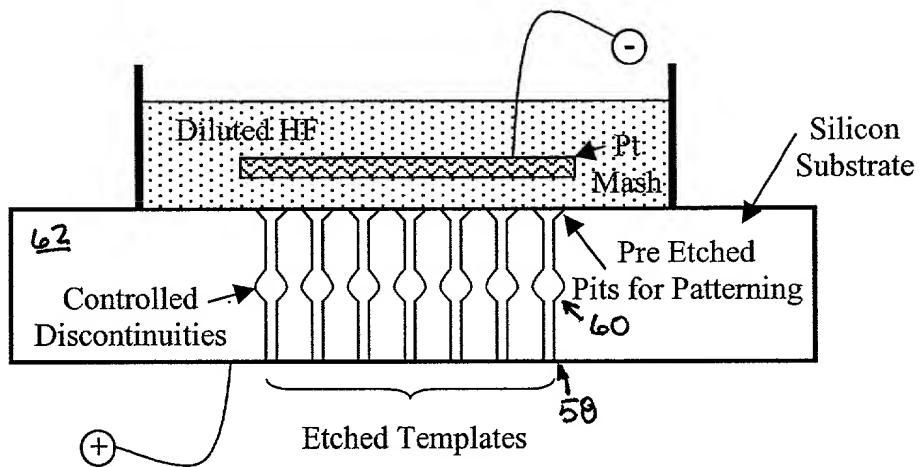


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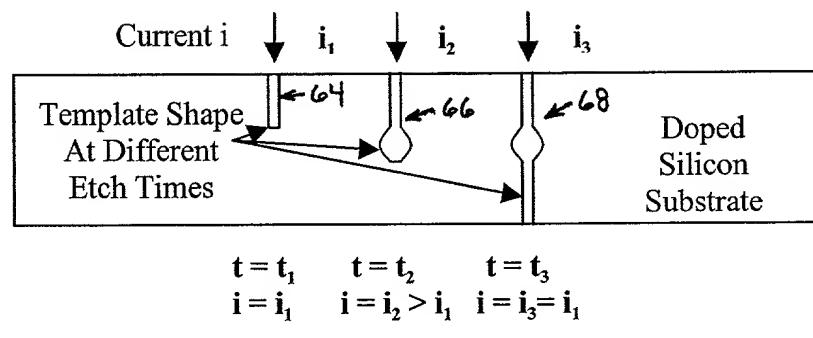


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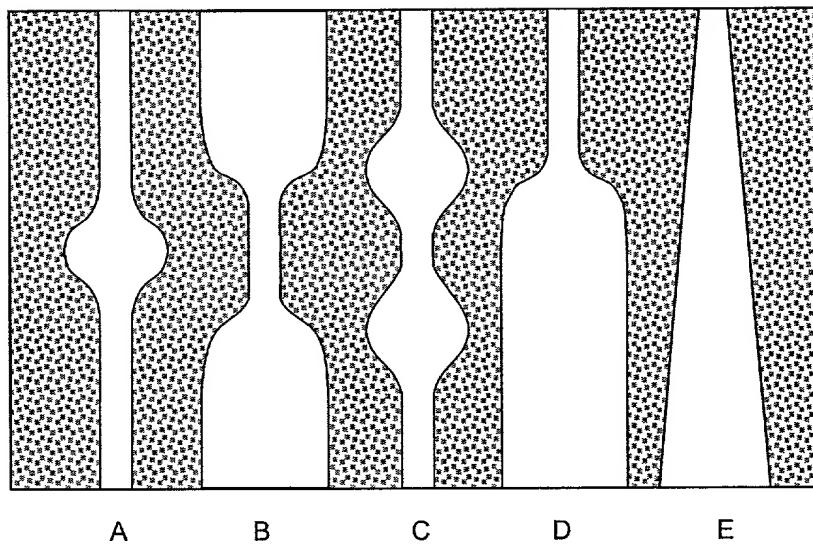


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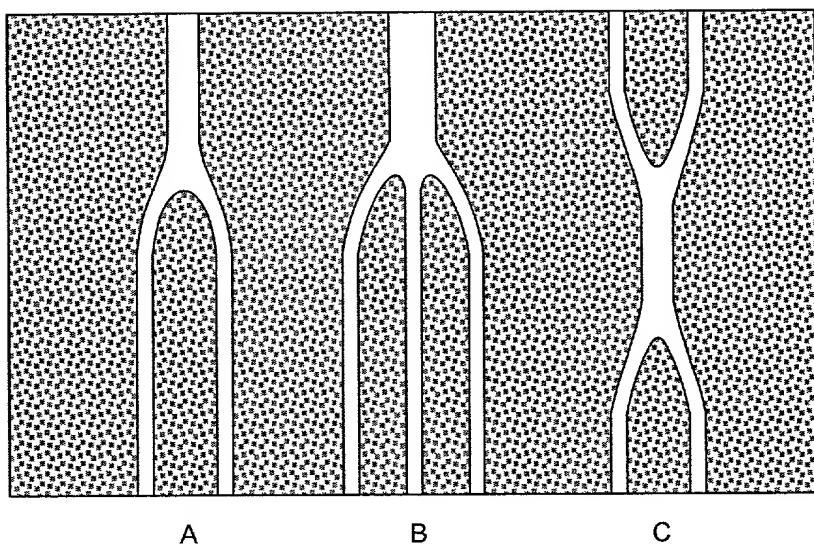


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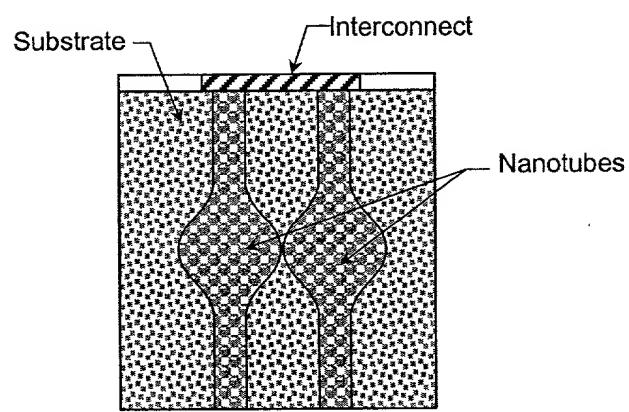


Figure 8

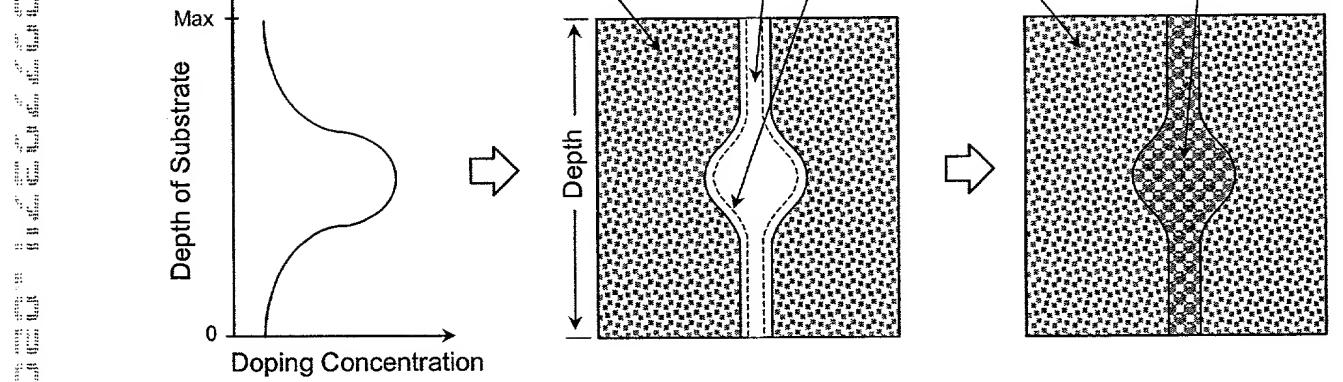


Figure 9

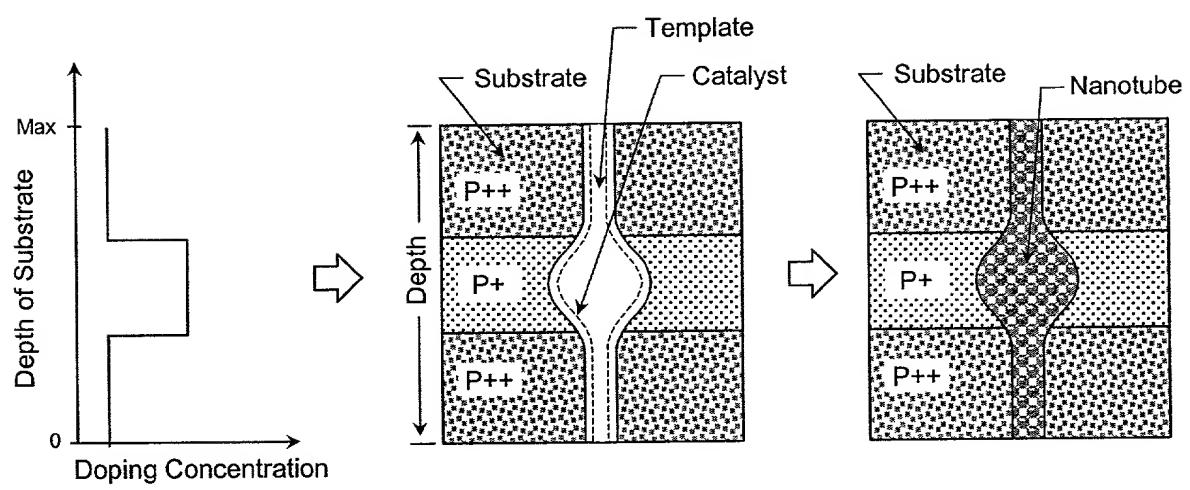


Figure 10

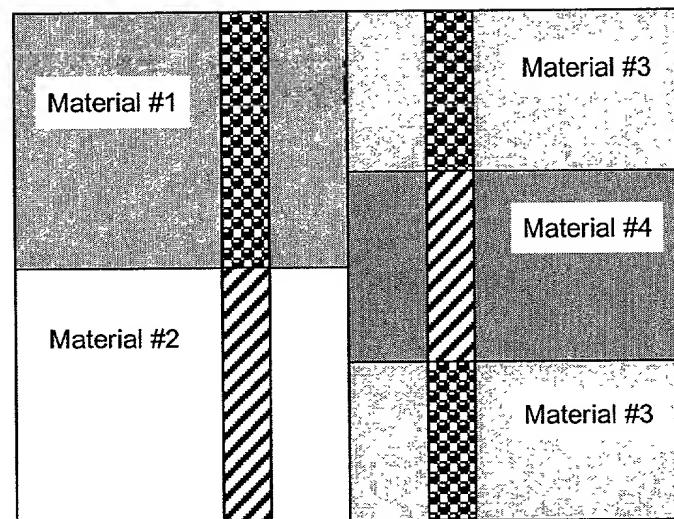


Figure 11

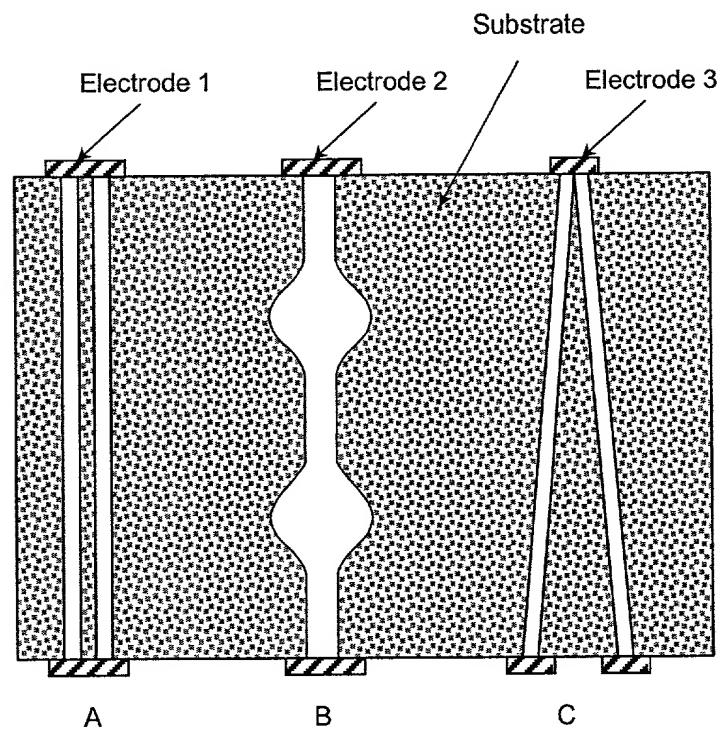
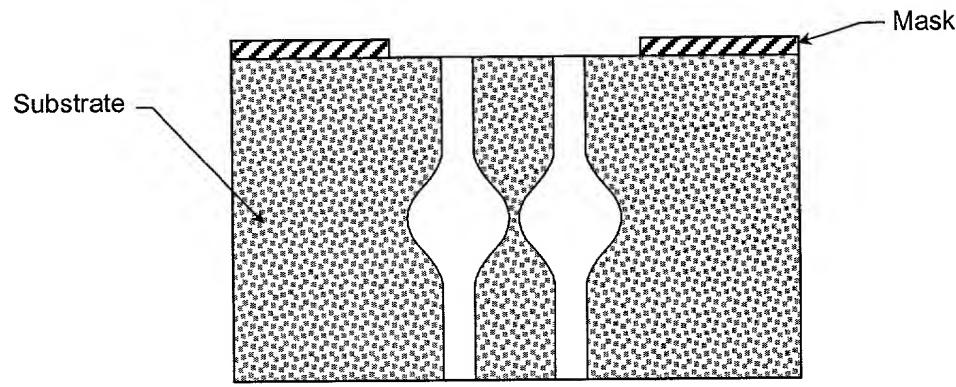
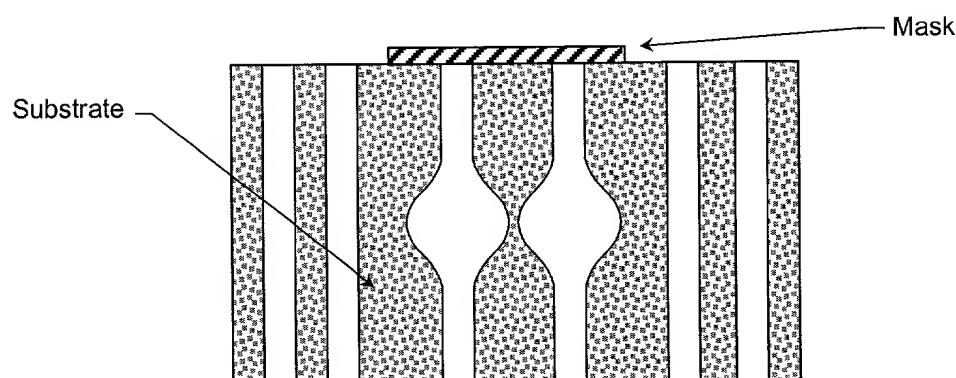


Figure 12



A



B

Figure 13